

**The Hashemite University
Faculty of Allied Health Sciences
Department of Clinical Nutrition and Dietetics
Course Syllabus (Fall 2017)**

Course title: Medical Nutrition Therapy II

Instructors and Dr. Suhad AbuMweis

Office hours:

Mon, Wed: 11:00-12:30 pm

Course no.: 110502447

Prerequisite(s): 110502345 and 110502344

Course Description: A comparative view of nutrition as it relates to the treatment of disease. Emphasis will be placed on food and drug interactions, and applications of nutrition interventions for: diseases of the hematological system, diseases of the musculoskeletal system, diseases and disorders of the neurological system, neoplastic disease, diseases of the respiratory system, adverse reactions to food, and metabolic stress.

Course Objectives:

- To understand pathophysiology, abnormal biochemistry, and altered nutrient metabolism in various disease states.
- To use appropriate medical terminology.
- To know and be able to discuss the principles of nutrition screening, assessment, and medical nutrition therapy for various disease states.
- To be able to locate and use evidence-based guidelines and protocols for the diseases of interest.
- To develop nutrition care plans for individuals with various disease states.

Required Readings:

- Mahan, K.L and Escott-Stump, S. 2017. **Krause's Food and the Nutrition Care Process**, 14thedition, W.B. Saunders Company.
- Nelms, MN, Sucher, KP, Lacey, K, Roth, SL. 2016. **Nutrition Therapy and Pathophysiology**, 3rd Edition. Wadsworth.
- **Manual of Clinical Nutrition Management**. Available from: https://bscn2k15.weebly.com/uploads/1/2/9/2/12924787/manual_of_clinical_nutrition2013.pdf
- The Academy of Nutrition and Dietetics Nutrition Care Manual; Updated annually. Available at: www.nutritioncaremanual.org
- Position and Practice Papers from The Academy of Nutrition and Dietetics (<http://www.eatrightpro.org/resources/practice/position-and-practice-papers>):
 - Integration of Medical Nutrition Therapy and Pharmacotherapy
 - Critical Thinking Skills in Nutrition Assessment and Diagnosis
 - Parenteral Nutrition Glutamine Supplementation

Teaching Tools:

- Lecture presentations
- Handouts
- Worksheets
- Case studies

Course Assessment:

First exam	30%
Second exam	30%
Final Exam	40%

TOTAL **100%**

Tentative Course Outline:

Week (s)	Topic
1-2	Food-Drug Interaction
3-4	Metabolic Stress
5-6	Cancer
	<i>First Exam</i>
7	Adverse Reactions to Food
8-9	Pulmonary Disease
9-10	Rheumatic Disease
	<i>Second Exam</i>
10-11	Neurological Disorders
11-12	Bone Health
13-14	Anemia